In the claims:

1. (original) An apparatus comprising:

a flexible substrate to which a plurality of light sources are fixed;

a flexible substrate housing in which the flexible substrate is located;

wherein the flexible substrate is comprised of a peripheral region and a center region;

and further comprising a flexing device for flexing the flexible substrate by applying pressure to the center region of the flexible substrate to cause the flexible substrate to deform;

and wherein in a first state when the flexible substrate is not deformed by the flexing device, each of the plurality of light sources emits light which is concentrated in a first direction;

and wherein in a second state when the flexible substrate has been deformed by the flexing device, at least one of the plurality of light sources emits light which is concentrated in a second direction which differs from the first direction; and

wherein the flexible substrate housing is comprised of a removable holder and a case;

wherein the flexing device is comprised of the removable holder and the case;

and wherein the removable holder can be connected onto the case; and

and wherein the connecting of the removable holder onto the case can cause the flexible substrate to deform.

2. (original) The apparatus of claim 1 and wherein

the removable holder can be connected to the case by variably tightening the removable holder to the case to thereby apply a variable amount of pressure to the flexible substrate and a corresponding variable amount of deformation of the flexible substrate.

3. (original) The apparatus of claim 1 and wherein

the removable holder is in the form of a cover and the case is in the form of a flashlight case.

4. (original) The apparatus of claim 2 wherein

the removable holder when tightened causes the center region of the flexible substrate to be forced upwards by a surface of a battery.

5. (original) The apparatus of claim 4 wherein

the removable holder when screwed tightly causes the center region of the flexible substrate to be forced upwards by a terminal of a battery.

6. (original) An apparatus comprising:

a flexible substrate to which a plurality of light sources are fixed;

a flexible substrate housing in which the flexible substrate is located;

wherein the flexible substrate is comprised of a peripheral region and a center region;

and further comprising a flexing device for flexing the substrate by applying pressure to the center region of the flexible substrate to cause the flexible substrate to deform;

wherein in a first state when the flexible substrate is not deformed by the flexing device each of the plurality of light sources emits light which is concentrated in a first direction;

wherein in a second state when the flexible substrate has been deformed by the flexing device at least one of the plurality of light sources emits light which is concentrated in a second direction which differs from the first direction;

and wherein the flexible substrate is comprised of a center electrical terminal located at the center region of the flexible substrate and wherein the flexing device makes electrical contact with the center electrical terminal of the flexible substrate when the flexing device applies pressure to the center region of the flexible substrate.

7. (original) The apparatus of claim 6 wherein

each light source on the flexible substrate has a first terminal and a second terminal,

and each first and second terminal is electrically connected to its own first and second

conductive material on the flexible substrate, respectively;

wherein the first conductive materials for all the light sources are electrically connected to a center conductive material on the flexible substrate;

wherein the second conductive materials for all the light sources are electrically connected to a peripheral conductive material on the flexible substrate;

and wherein by applying a positive terminal of a signal source to the center conductive material and by applying a negative terminal of the signal source to the peripheral conductive material, the plurality of light sources can be turned on.

8. (original) The apparatus of claim 6 wherein

each light source on the flexible substrate has a first terminal and a second terminal,

and each first and second terminal is electrically connected to its own first and second conductive material on the flexible substrate, respectively;

wherein the first conductive materials for all the light sources are electrically connected to a center conductive material on the flexible substrate;

wherein the second conductive materials for all the light sources are electrically connected to its own separate distinct peripheral conductive material on the flexible substrate;

and wherein by applying a positive terminal of a signal source to the center conductive material and by applying a negative terminal of the signal source to the appropriate peripheral conductive material, a particular light source can be turned on.

9. (original) The apparatus of claim 6 wherein

the plurality of light sources are light emitting diodes.

10. (original) An apparatus comprising:

a flexible substrate to which a plurality of light sources are fixed;

a flexible substrate housing in which the flexible substrate is located;

wherein the flexible substrate is comprised of a peripheral region and a center region;

and further comprising a flexing device for flexing the substrate by applying pressure to the center region of the flexible substrate to cause the flexible substrate to deform;

wherein the flexible substrate housing applies pressure to the peripheral region of the flexible substrate in a substantially opposite direction to the pressure being applied to the center region and while pressure is being applied to the center region of the flexible substrate;

and wherein in a first state when the flexible substrate is not deformed by the flexing device each of the plurality of light sources emits light which is concentrated in a first direction;

and wherein in a second state when the flexible substrate has been bent by the flexing device at least one of the plurality of light sources emits light which is concentrated in a second direction which differs from the first direction; and

wherein the flexing device is comprised of a battery having a first terminal, wherein the first terminal of the battery applies pressure to the center region of the flexible substrate to cause the flexible substrate to deform.

11. (original) An apparatus comprising:

a flexible substrate to which a plurality of light sources are fixed;

a flexible substrate housing in which the flexible substrate is located;

wherein the flexible substrate is comprised of a peripheral region and a center region;

and further comprising a flexing device for flexing the substrate by applying pressure to the center region of the flexible substrate to cause the flexible substrate to deform;

and wherein in a first state when the flexible substrate is not deformed by the flexing device, each of the plurality of light sources emits light which is concentrated in a first direction;

and wherein in a second state when the flexible substrate has been bent by the flexing device at least one of the plurality of light sources emits light which is concentrated in a second direction which differs from the first direction;

wherein each light source on the flexible substrate has a first terminal and a second

terminal, each first and second terminal is electrically connected to its own first and second conductive material on the flexible substrate, respectively;

wherein the first conductive materials for all the light sources are electrically connected to a center conductive material on the flexible substrate;

wherein the second conductive materials for all the light sources are electrically connected to a peripheral conductive material on the flexible substrate;

and wherein by applying a positive terminal of a signal source to the center conductive material and by applying a negative terminal of the signal source to the peripheral conductive material, the plurality of light sources can be turned on.

12. (original) An apparatus comprising:

a flexible substrate to which a plurality of light sources are fixed;

a flexible substrate housing in which the flexible substrate is located;

wherein the flexible substrate is comprised of a first region and a second region;

and further comprising a flexing device for flexing the substrate by applying pressure in a first direction to the second region of the flexible substrate and simultaneously applying pressure in a second direction to the first region of the flexible substrate, wherein the first direction is substantially opposite the second direction, to cause the flexible substrate to deform;

and wherein in a first state when the flexible substrate is not deformed by the flexing device each of the plurality of light sources emits light which is concentrated in a third direction;

and wherein in a second state when the flexible substrate has been deformed by the flexing device at least one of the plurality of light sources emits light which is concentrated in a fourth direction which differs from the third direction; and

wherein the flexible substrate housing is comprised of a removable holder and a case;

wherein the flexing device is comprised of the removable holder and the case;

and wherein the removable holder can be connected to the case; and

and wherein the connecting of the removable holder onto the case can cause the flexible substrate to deform.

13. (currently amended) A lighting apparatus comprising:

a substrate;

a plurality of ~~first, second, third and fourth~~ light emitting diodes ~~each of which is fixed to the substrate~~;

a lamp driver circuit;

a communications component;

a first housing in which the substrate is located;

wherein the substrate has a first circuit and a second circuit;

wherein the lamp driver circuit is electrically connected to the first circuit and the second circuit;

wherein a first portion of the plurality of light emitting diodes are connected to the first circuit and the first circuit can vary the intensity of the light emitted by the first portion of the plurality of light emitting diodes;

wherein a second portion of the plurality of light emitting diodes are connected to the second circuit and the second circuit can vary the intensity of the light emitted by the second portion of the plurality of light emitting diodes;

wherein the first portion of the plurality of light emitting diodes emits light of a first color and the second portion of the plurality of light emitting diodes emits light of a second color different from the first color;

wherein the second color is generated by white light emitting diodes; and

wherein the communications component can receive a control command for varying either the intensity of the first portion of the plurality of light emitting diodes or the second portion of the plurality of light emitting diodes to change the color temperature of the light emitted from the plurality of light emitting diodes.

~~and~~

~~a first housing in which the substrate is located;~~

~~wherein each of the first, second, third and fourth light emitting diodes emit light having an intensity and each is arranged to project light on to a surface from the first housing;~~

~~wherein the substrate has a first circuit and a second circuit;~~

~~wherein each of the first and second light emitting diodes is connected to the first circuit and the first circuit can vary intensity of light from either the first light emitting diode or the second light emitting diode;~~

~~wherein each of the third and fourth light emitting diodes is connected to the second circuit and the second circuit can vary intensity of light from either the third light emitting diode or the fourth light emitting diode;~~

~~wherein each of the first and second light emitting diodes can have its light intensity varied independently from the light intensities of the third and fourth light emitting diodes;~~

~~wherein each of the first and second light emitting diodes emits light of a first color;~~

~~wherein each of the second and third light emitting diodes emits light of a second color;~~

~~wherein the first color and the second color are different;~~

~~and wherein the second color is generated by white light emitting diodes.~~

14. (currently amended) The lighting apparatus of claim 13 wherein

the first color is generated by yellow light emitting diodes.

15. (currently amended) The lighting apparatus of claim13 wherein

the first color is generated by amber light emitting diodes

16. (currently amended) The lighting apparatus of claim 13 wherein

the first color is generated by any of red, blue or green light emitting diodes.

17. (currently amended) The lighting apparatus of claim 14 wherein

varying the light intensity emitted by the first portion or the second portion of the plurality ~~of any of the first, second, third, or fourth~~ light emitting diodes changes the color temperature of the light projected on to a surface.

18. (currently amended) The lighting apparatus of claim 15 wherein

varying the light intensity emitted by the first portion or the second portion of the plurality ~~of any of the first, second, third, or fourth~~ light emitting diodes changes the color temperature of the light projected on to a surface.

19. (currently amended) The lighting apparatus of claim 16 wherein

varying the light intensity emitted by the first portion or the second portion of the plurality ~~of any of the first, second, third, or fourth~~ light emitting diodes changes the color temperature of the light projected on to a surface.

20. (previously presented) The lighting apparatus of claim 13 further comprising

a second housing; and

an electrical component located within the second housing.

21. (currently amended) The lighting apparatus of claim 20 wherein

the electrical component is a ~~battery~~ processor.

22. (currently amended) The lighting apparatus of claim 20 further comprising wherein

the first housing can pan and tilt in relation to the second housing by a motor.

~~a yoke; and~~

~~wherein the yoke is mounted for rotation relative to the first and second housing.~~

23. (currently amended) The lighting apparatus of claim ~~22~~ 20 wherein

a position ~~the rotation~~ of the first housing relative to the second housing is caused by remote control.

24. (currently amended) The lighting apparatus claim ~~23~~ 20 ~~wherein~~ further comprising

a communications line and the communications line can provide a control signal ~~is connected to the second housing~~.

25. (currently amended) The lighting apparatus of claim ~~22~~ 13 further comprising

ventilation holes; and

wherein the ventilation holes are located in the substrate in proximity to any of the light emitting diodes of the first or ~~and~~ second ~~or third and forth~~ portions ~~light emitting diodes~~.

26. (previously presented) The lighting apparatus of claim 25 further comprising

a fan;

and wherein the fan forces air through the ventilation holes.

27. (previously presented) The lighting apparatus of claim 13 further comprising

a variable filter.

28. (original) The lighting apparatus of claim 27 wherein

the variable filter is a liquid crystal emulsion filter.

29. (currently amended) The lighting apparatus of claim ~~27~~ 28 wherein

the variable filter is mounted to the first housing wherein each of the ~~first, second, third and fourth~~ light emitting diodes of the first and second portions emit light in a direction passing through the filter.

30. (currently amended) The lighting apparatus of claim ~~28~~ 29 wherein ~~further including~~

a control command can vary the optical state of the filter.

~~a communications line;~~

~~and wherein the variable filter can be varied by communications received over the communications line.~~

31. (previously presented) The lighting apparatus of claim 13 wherein

the substrate is a flexible substrate.

32. (currently amended) The lighting apparatus of claim ~~13~~ 31 wherein

the substrate is a curved substrate

33. (currently amended) A lighting apparatus for projecting light onto a surface comprising:

a substrate;

a first housing, in which the substrate is located;

~~a light emitting diode mounted to the substrate;~~

a plurality of light emitting diodes comprised of a first portion and a second portion each of the first and the second portion emitting light having an intensity;

a variable filter;

a lamp driver;

a communications component;

~~wherein the light emitting diode emits light; and~~

wherein the substrate has a first circuit and a second circuit;

wherein the lamp driver is electrically connected to the first circuit and the second circuit;

wherein the first portion of the plurality of light emitting diodes are connected to the first circuit and the first circuit can vary the intensity of the light emitted by the first portion of the

plurality of light emitting diodes;

wherein the second portion of the plurality of light emitting diodes are connected to the second circuit and the second circuit can vary the intensity of the light emitted by the second portion of the plurality of light emitting diodes;

wherein the first portion of the plurality of light emitting diodes emits light of a first color and the second portion of the plurality of light emitting diodes emits light of a second color different from the first color;

wherein the light emitted from the first portion and the second portion of the plurality of light emitting ~~diode~~ diodes is emitted ~~projected on to a surface from the first housing~~ through the variable filter; and

wherein the communications component can receive a control command for varying control information to the variable filter.

34. (previously presented) The lighting apparatus of claim 33 wherein

the variable filter is a liquid crystal filter.

35. (currently amended) A lighting apparatus for projecting light onto a surface comprising:

a substrate;

a communications component;

first, second, third, fourth, fifth and sixth light emitting diodes each of which is fixed to the substrate;

a first housing wherein the substrate is located;

wherein each of the first, second, third, fourth, fifth and sixth light emitting diodes emits light having an intensity ~~and each is arranged to project its light on to a surface from the first housing~~;

wherein the substrate has first, second, third, fourth, fifth and sixth circuits;

wherein the first light emitting diode is connected to the first circuit and the first circuit can vary the intensity of light emitted by the first light emitting diode;

wherein the second light emitting diode is connected to the second circuit and the second circuit can vary the intensity of light emitted by the second light emitting diode;

wherein the third light emitting diode is connected to the third circuit and the third circuit can vary the intensity of light emitted by the third light emitting diode;

wherein the fourth light emitting diode is connected to the fourth circuit and the fourth circuit can vary the intensity of light emitted by the fourth light emitting diode;

wherein the fifth light emitting diode is connected to the fifth circuit and the fifth circuit can vary the intensity of light emitted by the fifth light emitting diode;

wherein the sixth light emitting diode is connected to the sixth circuit and the sixth circuit can vary the intensity of light emitted by the sixth light emitting diode;

wherein each of the intensities of light of the first, second, third, fourth, ~~firth~~ and six light emitting diodes ~~light intensities which~~ can be varied independently of each of the other intensities of light of the first, second, third, fourth, fifth, and sixth light emitting diodes ~~intensities~~;

wherein the first, second, third, fourth, fifth and sixth light emitting diodes emit light of first, second, third, fourth, fifth and sixth wavelengths, respectively;

~~wherein the wavelengths of the first, second, third, fourth, fifth and sixth light emitting diodes are different from one another;~~

~~and wherein each of the first, second, third, fourth, fifth and sixth wavelengths generates a different color.~~

and wherein the communications component can receive a control command for varying each of the intensities of light of the first, second, third, fourth, fifth and sixth light emitting diodes.

36. (currently amended) The lighting apparatus of claim 35 wherein

~~at least one of the first, second, third, fourth, fifth and sixth light emitting diode emits light of the color white.~~

the first light emitting diode emits light of a first color;

the second light emitting diode emits light of a second color;

the third light emitting diode emits light of a third color; and

the fourth light emitting diode emits light of a fourth color;

the fifth light emitting diode emits light of a fifth color;

the sixth light emitting diode emits light of a sixthh color;

and wherein the first, second, third, fourth, fifth and sixth colors are different.

37. (previously presented) The lighting apparatus of claim 35 further comprising

a second housing;

and an electrical component which is located within the second housing.

38. (previously presented) The lighting apparatus of claim 37 wherein

the electrical component is a battery.

39. (currently amended) The lighting apparatus of claim 37 wherein ~~further comprising~~

~~a yoke;~~

~~and the yoke is mounted, so that the yoke can rotate with respect to the first and second housing.~~

the first housing can pan and tilt in relation to the second housing by a motor.

40. (previously presented) The lighting apparatus of claim 39 wherein

the rotation of the first housing relative to the second housing is caused by remote control.

41. (previously presented) The lighting apparatus claim 40 wherein

a communications line is connected to the second housing.

42. (previously presented) The lighting apparatus of claim 35 further comprising

ventilation holes and the ventilation holes are located in the substrate in proximity to any of the first, second, third, fourth, fifth or sixth light emitting diodes.

43. (previously presented) The lighting apparatus of claim 42 further comprising

a fan;

wherein the fan forces air through the ventilation holes.

44. (previously presented) The lighting apparatus of claim 35 further comprising

a variable filter.

45. (previously presented) The lighting apparatus of claim 44 wherein

the variable filter is a liquid crystal emulsion filter.

46. (previously presented) The lighting apparatus of claim 44

wherein the first, second, third, fourth, fifth and sixth light emitting diodes emit light in a direction passing through the filter.

47. (previously presented) The lighting apparatus of claim 44 further including

a communications line and wherein the variable filter can be varied by communications received over the communications line.

48. (previously presented) The lighting apparatus of claim 35 wherein

the substrate is a flexible substrate.

49. (previously presented) The lighting apparatus of claim 35 wherein

the substrate is a curved substrate

50. (currently amended) A lighting apparatus for projecting light onto a surface comprising:

a substrate;

first, second, third, fourth, fifth and sixth light emitting diodes, each of which is fixed to the substrate;

a first housing in which the substrate is located;

a communications component;

wherein each of the first, second, third, fourth, fifth and sixth light emitting diodes emit light having an intensity ~~and each is arranged to project its light on to a surface from the first housing~~;

wherein the substrate has first, second, third, fourth, fifth and sixth circuits;

wherein the first light emitting diode is connected to the first circuit and the first circuit can vary the intensity of light emitted by the first light emitting diode;

wherein the second light emitting diode is connected to the second circuit and the second circuit can vary the intensity of light emitted by the second light emitting diode;

wherein the third light emitting diode is connected to the third circuit and the third circuit can vary the intensity of light emitted by the third light emitting diode;

wherein the fourth light emitting diode is connected to the fourth circuit and the fourth circuit can vary the intensity of light emitted by the fourth light emitting diode;

wherein the fifth light emitting diode is connected to the fifth circuit and the fifth circuit can vary the intensity of light emitted by the fifth light emitting diode;

wherein the sixth light emitting diode is connected to the sixth circuit and the sixth circuit can vary the intensity of light emitted by the sixth light emitting diode;

wherein each of the light intensities of the first, second, third, fourth, ~~firth~~ fifth and six

light emitting diodes ~~light intensities~~ can be varied independently of each of the other light intensities of the first, second, third, fourth, fifth, and sixth light emitting diodes ~~intensities~~;

and wherein the first, second, third, fourth, fifth and sixth light emitting diodes all emit light of a first color; and

wherein the communications component can receive a control command for varying each of the light intensities of each of the first, second, third, fourth, fifth and sixth light emitting diodes.

51. (currently amended) The lighting apparatus of claim 50 further comprising

~~a seventh light emitting diode and wherein the seventh light emitting diode emits light of a second color different than the first color.~~

a seventh light emitting diode which emits light having an intensity;

wherein the substrate has a seventh circuit;

wherein the seventh light emitting diode is connected to the seventh circuit;

wherein the seventh circuit can vary the intensity of light emitted by the seventh light emitting diode;

and wherein the seventh light emitting diode emits light of a second color different than the first color.

52. (previously presented) The lighting apparatus of claim 50 wherein

the first color is white.

53. (previously presented) The lighting apparatus of claim 51 wherein

the second color is amber.

54. (previously presented) The lighting apparatus of claim 51 wherein

the second color is yellow

55. (previously presented) The lighting apparatus of claim 51 wherein

the second color is red.

56. (currently amended) The lighting apparatus of claim 51 wherein

the intensity of the first color is varied to change the color temperature of the light ~~emitted by at least one of the first, second, third, fourth, fifth, or sixth light emitting diodes~~ projected onto the surface by the lighting apparatus.

57. (currently amended) The lighting apparatus of claim 51 wherein

the intensity of the second color is varied to change the color temperature of the light ~~emitted by at least one of the first, second, third, fourth, fifth, or sixth light emitting diodes~~ projected onto the surface by the lighting apparatus.

58. (previously presented) The lighting apparatus of claim 50 further comprising

a second housing;

and an electrical component located within the second housing.

59. (previously presented) The lighting apparatus of claim 58

wherein the electrical component is a battery.

60. (currently amended) The lighting apparatus of claim 58 wherein ~~further comprising~~

the first housing can pan and tilt in relation to the second housing by a motor.

~~a yoke; and~~

~~wherein the yoke is mounted, so that the yoke can rotate with respect to the first and second housings.~~

61. (previously presented) The lighting apparatus of claim 60 wherein

the rotation of the first housing relative to the second housing is caused by remote control.

62. (currently amended) The lighting apparatus of claim 61

wherein a communications line is connected to the second housing.

63. (currently amended) The lighting apparatus of claim 50

further comprising ventilation holes and the ventilation holes are located in the substrate in proximity to any of the first, second, third, ~~or forth~~ fourth, fifth, or sixth light emitting diodes.

64. (previously presented) The lighting apparatus of claim 63 further comprising

a fan;

and wherein the fan forces air through the ventilation holes.

65. (previously presented) The lighting apparatus of claim 50 further comprising

a variable filter.

66. (previously presented) The lighting apparatus of claim 65 wherein

the variable filter is a liquid crystal emulsion filter.

67 . (currently amended) The lighting apparatus of claim 65 wherein

any of the first, second, third, fourth, fifth ~~and~~ or sixth light emitting diodes emit light in a direction passing through the filter.

68. (previously presented) The lighting apparatus of claim 65 further including

a communications line and wherein the variable filter can be varied by communications received over the communications line.

69. (previously presented) The lighting apparatus of claim 50 wherein the substrate is a flexible substrate.

70. (previously presented) The lighting apparatus of claim 50 wherein the substrate is a curved substrate

71. (previously presented) The lighting apparatus of claim 50 wherein the first color is ultraviolet.

72. (previously presented) The lighting apparatus of claim 51 wherein the second color is ultraviolet.

73. (currently amended) A lighting device for projecting light onto a surface comprising:

a first housing;

~~a plurality of light emitting diodes disposed within the first housing, at least two of the light emitting diodes being a different color, and the light emitting diodes having a high intensity for controlling the illumination of an area, and having respective basic directions of light energy emission;~~

the first housing comprising a substrate and a plurality of light emitting diodes;

wherein the substrate has a first circuit and a second circuit;

wherein a first portion of the plurality of light emitting diodes are connected to the first circuit and the first circuit can vary the intensity of light emitted by the first portion of the plurality

of light emitting diodes;

wherein a second portion of the plurality of light emitting diodes are connected to the second circuit and the second circuit can vary the intensity of light emitted by the second portion of the plurality of light emitting diodes;

wherein the first portion of the plurality of light emitting diodes emits light of a first color and the second portion of the plurality of light emitting diodes emits light of a second color different from the first color;

wherein the plurality of light emitting diodes have respective directions of light energy emission;

a second housing; and

a power applying component disposed in the second housing;

wherein the power applying component is electrically coupled to the light emitting diodes for applying power to the light emitting diodes; and

wherein the first housing is rotationally mounted to the second housing for revolving the first housing relative to the second housing to vary the ~~basic~~ direction ~~directions~~ of light energy emission relative to the second housing.

74. (previously presented) The lighting device of claim 73 further comprising a flexible substrate, wherein:

the first housing comprises a threaded holder;

the light emitting diodes are mounted on the flexible substrate;

the flexible substrate is mounted in the threaded holder;

the second housing comprises a threaded case;

the power applying component comprises a battery; and

the threaded holder engages the threaded case and is manually rotatable relative to the case for varying the basic directions of light energy emission relative to the case by deformation of

the flexible substrate.

75. (previously presented) The lighting device of claim 73 further comprising

a flexible substrate and an actuator coupled to the flexible substrate, wherein:

the first housing comprises a lamp housing;

the light emitting diodes are mounted on the flexible substrate;

the flexible substrate is mounted in the lamp housing;

the second housing comprises an electronics housing;

the power applying component comprises an internal power supply; and

the actuator is controllable for varying the basic directions of light energy emission relative to the electronics housing by deformation of the flexible substrate.

76. (currently amended) The lighting device of claim 73 further comprising

a yoke, wherein the yoke is mounted for rotation to the first housing;

wherein the first housing comprises a lamp housing;

wherein the yoke is mounted for rotation to the second housing;

wherein the first housing is rotated in relation to the second housing by a motor;

wherein the second housing comprises an electronics housing; and

the power applying component comprises an internal power supply;

77. (previously presented) The lighting device of claim 76 further comprising

a communications line and the communications line is connected to the second housing.

78. (currently amended) An apparatus comprising:

a housing ~~having a optically transparent area thereof~~;

a substrate disposed in the housing, the substrate having a plurality of individually controllable circuits; and

first, second, third, fourth, and fifth light emitting diodes respectively fixed to the circuits of the substrate for directing light from the housing ~~through the optically transparent area~~;

wherein the first, second, third, fourth, and fifth light emitting diodes have respectively independently variable light intensities;

wherein the first, second, third, fourth, and fifth light emitting diodes emit light of first, second, third, fourth, and fifth wavelengths, respectively; and

wherein the first, second, third, fourth, and fifth wavelengths produce respectively different colors.

79. (new) A lighting apparatus for projecting light onto a surface comprising:

a substrate;

a first housing in which the substrate is located;

a second housing:

a yoke;

a first, a second and a third light emitting diode, each of which is fixed to the substrate;

a communications component;

wherein each of the first, second and third light emitting diodes emits light having an intensity;

wherein the substrate has first, second, and third circuits;

wherein the first light emitting diode is connected to the first circuit and the first circuit can vary the intensity of light emitted by the first light emitting diode;

wherein the second light emitting diode is connected to the second circuit and the second circuit can vary the intensity of light emitted by the second light emitting diode;

wherein the third light emitting diode is connected to the third circuit and the third circuit can vary the intensity of light emitted by the third light emitting diode;

wherein each of the light intensities of the first, second and third light emitting diodes can be varied independently of each of the other light intensities of the first, second, and third

light emitting diodes;

wherein the first light emitting diode emits light of a first color;

wherein the second light emitting diode all emits light of a second color;

wherein the third light emitting diode emits light of a third color;

wherein the communications component can receive a control command for varying either any of the light intensities of the first, second, and third light emitting diodes;

and wherein the first housing can be positioned in relation to the second housing by remote control.

80. (new) The lighting apparatus of claim 79 wherein

the first color is green, the second color is red and the third color is blue.

81. (new) The lighting apparatus of claim 79 wherein

the remote control of the first housing in relation to the second housing is obtained by a motor.

82. (new) The lighting apparatus of claim 79 wherein

at least one of the first, second or third colors is a white color.